

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

Claims 1-76 (deleted)

Claim 77 (new): A device for sanitizing a surface, the device comprising:

a solid electrolyte conductor including an anode, a cathode, and an electrolyte component;

a housing operably connected to the solid electrolyte conductor wherein the housing is configured for placement of the solid electrolyte conductor adjacent the surface; and,

a power source operably connected to the solid electrolyte conductor wherein at least one of the anode or the cathode are constructed from materials that upon operation of the solid electrolyte conductor, a sanitizing effect is imparted on the surface.

Claim 78 (new): The device of Claim 77 wherein the electrolyte component is selected from the group consisting of a halide containing material, an oxide containing material, an ion exchange membrane, an alkali ion conducting material, a silver ion conducting material, a copper ion conducting material, an ion conducting ceramic material and mixtures, compounds, or alloys thereof.

Claim 79 (new): The device of Claim 78 wherein the anode and the cathode are selected from the group consisting of metals and conductive ceramics.

Claim 80 (new): The device of Claim 79 wherein the metals include titanium, nickel, copper silver, platinum, palladium, zinc, aluminum, steel, or mixtures and alloys thereof.

Claim 81 (new): The device of Claim 79 wherein the conductive ceramics include perovskites, carbides, nitrides of metals, or mixtures thereof.

Claim 82 (new): The device of Claim 78 wherein the halide containing material including metals or composites of metal, plastic, or ceramic materials.

Claim 83 (new): The device of Claim 78 wherein the halide containing material includes PbI_2 , PbF_2 , LaF_3 , AgRbI_5 , $\text{AgI-Al}_2\text{O}_3$, $\text{CuI-Al}_2\text{O}_3$, or mixtures thereof.

Claim 84 (new): The device of Claim 78 wherein the oxide containing material includes composites of metal oxides and ion conducting materials.

Claim 85 (new): The device of Claim 84 wherein the ion conducting materials include $\text{AgI-Al}_2\text{O}_3$ composites.

Claim 86 (new): The device of Claim 84 wherein the ion conducting materials include beta alumina.

Claim 87 (new): The device of Claim 86 wherein the beta alumina includes $\text{M}_x\text{O} \cdot 11\text{Al}_2\text{O}_3$.

Claim 88 (new): The device of Claim 77 wherein the power source is AC, DC, or solar energy.

Claim 89 (new): The device of Claim 77 further comprising:
an adhesive attached to the housing for releasably affixing the device to the surface.

Claim 90 (new): The device of Claim 89 wherein the power source is AC, DC, or solar energy.